Design Report

Group 18
Aron Sandstedt
Niklas Baerveldt

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1 FD & ER schema differences

If one were to compare the two schemas that were derived from the BCNF decomposition and the auto generated one from the queryconverter. One can find them almost identical, except that in the FD one the group managed to specify all the potential keys by writing down which of the attributes, or pair of attributes, that are unique. This is a constraint of the ER-schema. This could not be done in the schema from the ER since it only shows the relationships between tables, and not all potential keys.

2 Lab 1 schema difference

The schema that was given in Lab 1 is exactly the same as the group's derived FD-schema.

3 Conclusion

In the end the group made a perfect schema when creating the FD-schema.